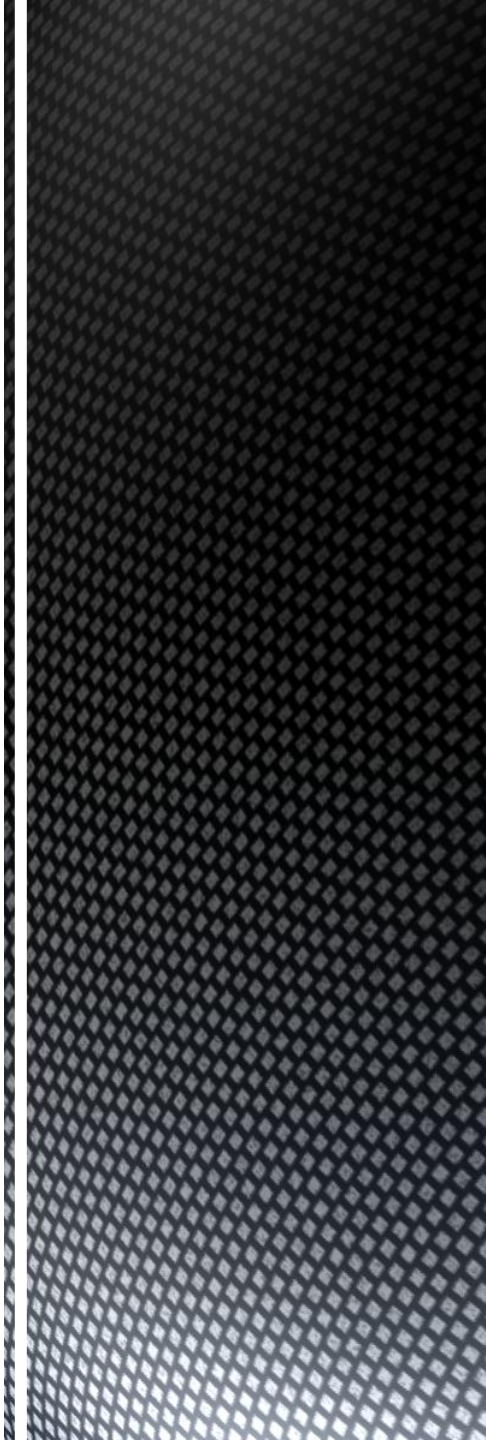
AOC Architecture Initiatives

Central Case Index (CCI) Debriefing



Why and What is the Central Case Index (CCI)?

- A data **repository** consisting of **centralized** statewide court CMS data.
  - Growing need for modernized court technology with greater flexibility and agility and a higher demand for Justice Partner Integration through data sharing.
  - This repository contains a set of de-normalized data tables storing the "core" information about court cases.
  - Growing need for central hub of court data and documents, to greatly simplify technical solutions.
  - Stop asking local courts for redundant information formatted specific to one solution. Get the data once and use it for multiple purposes.
- The replacement of the **aging/unsupported** Informix Data Warehouse.
- An **integral** piece of the Judiciary's future technology infrastructure.

Applications that will use the CCI

eAccess – Public Access on Steroids! Free limited PA data, with fee based access to documents (CDR) and more detailed case data (CCI), including bulk data for specific industries. Limit the line at the clerk's counter and empower people to help themselves.

Rule 123 governs what data and documents can be made available.

eFiling – Facilitates electronic court case filings by the public and attorneys. Uses the CCI to validate case numbers, pull document lists, and pull party lists.

Don't make the filer answer a question the CMS already knows, rather leverage the CCI.

National Instant Criminal Background Check System (NICS) Integration – Back-end process that crawls the CCI looking for case data scenarios that would fall into a NICS category identifying a prohibited possessor of a firearm and sends that information to DPS who forwards it on to NICS. Mental Health is the first category being addressed. This is both a DPS and court automation project to deal with dwindling resources and inconsistent reporting.

BIG DEAL nationally with all the recent mass shootings!

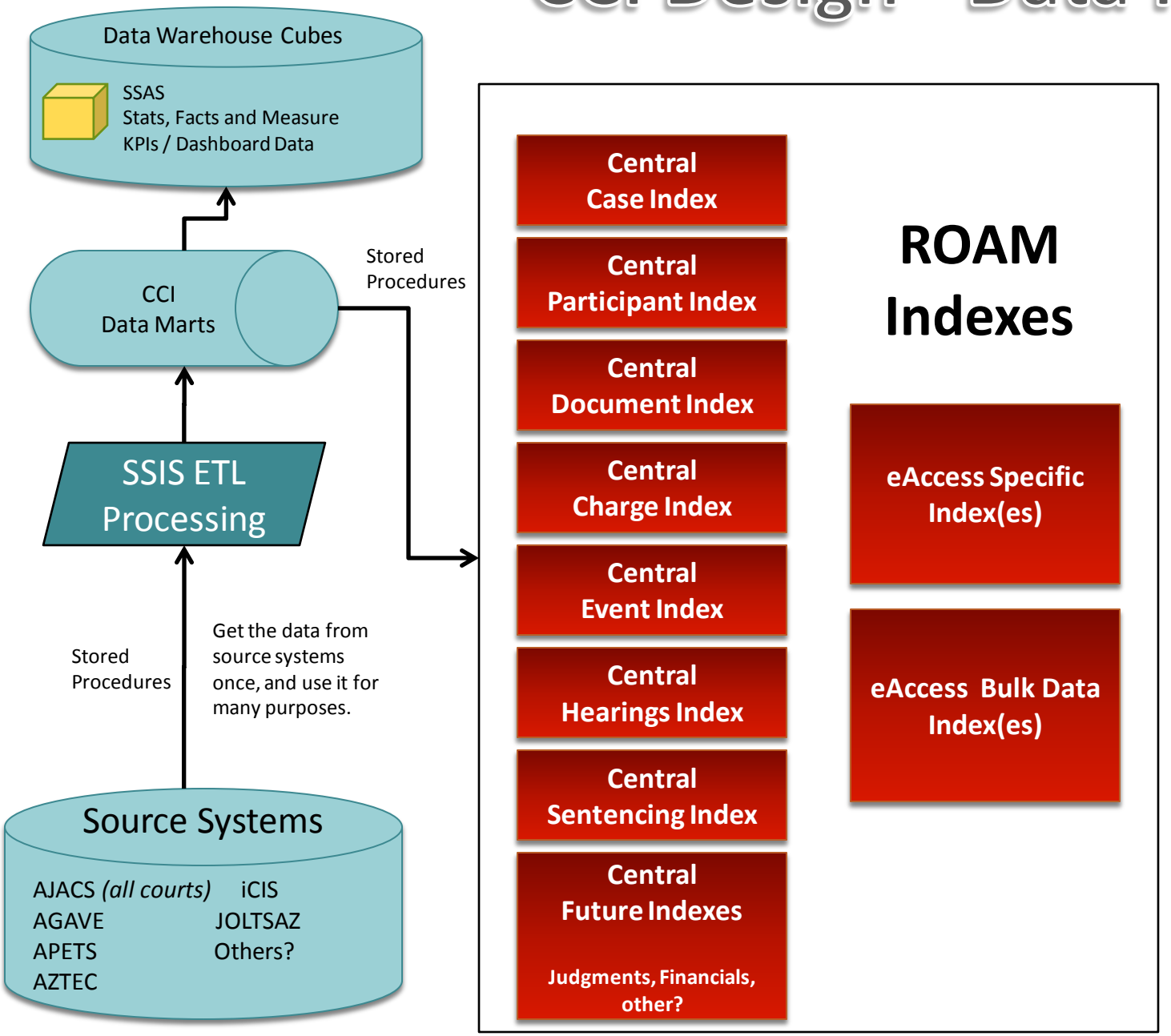
Statistical Analysis -Dashboards and court KPIs, Data Cubes, Case Load Standards Measurements, etc.

Scope of Data per Application

- **eAccess** - Superior Court Civil and Criminal *(Next phases include LJ Eviction and Judgments and replacing current public access)*
- **eFiling** – Migrating what exists for Turbo Court today, expand as needed.
- **NICS** - Mental Health Cases initially, expand from there to support the other NICS categories that the court should be reporting.
- **Statistical Reporting** – Still in Analysis
- **Get as much as possible done with initial development to save time and energy.**

Juvenile will be a later phase or perhaps not needed due to JoltsAZ being a Central DB.

CCI Design - Data Flow



CCI Design – Index / Data Feed Definitions

Common (most applications) and Specific (eAccess) ROAM Index Specifications

Source System Stored Procedure Specifications for use in pulling data from CMS.

Index Specification and Data Feed specification are not always a one-to-one match (ex. Participant Index)

Scheduling of pulls pending, dependent on load testing. *(As real time as possible)*

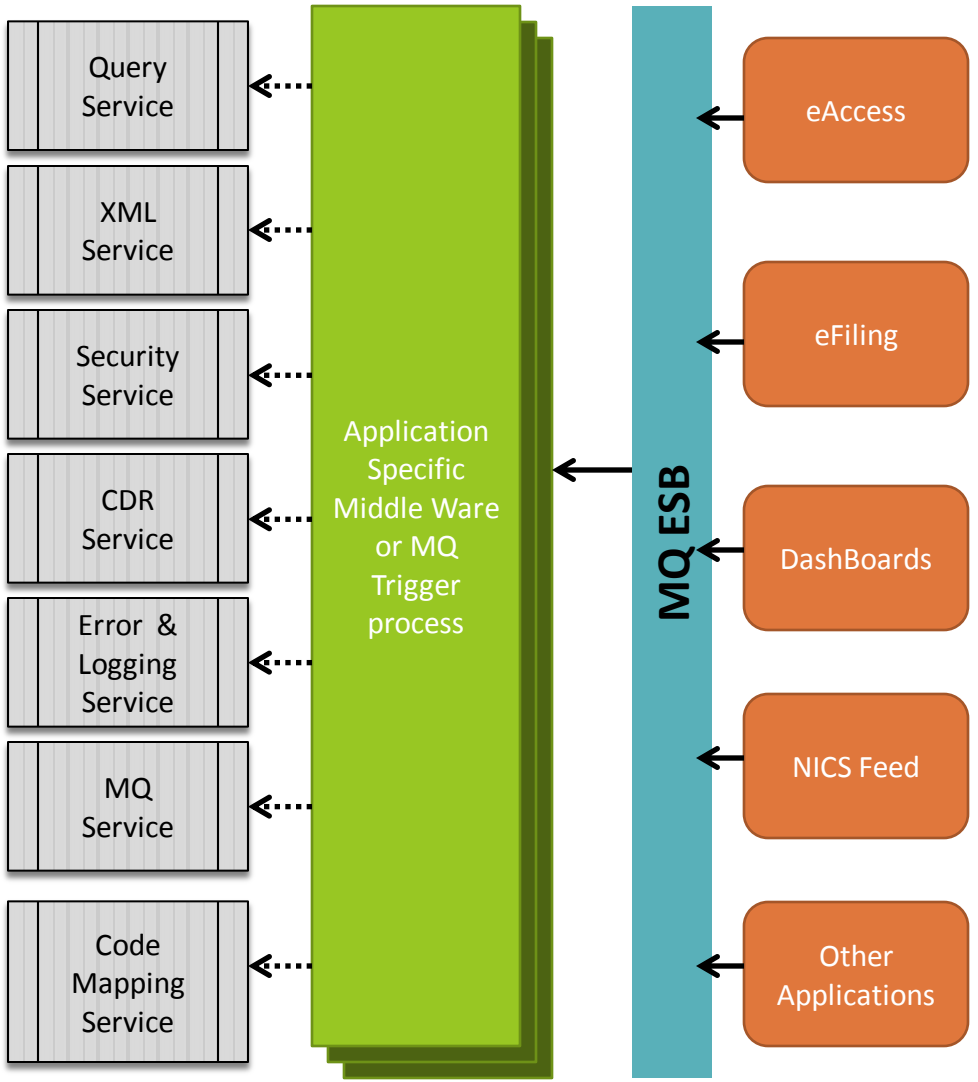
Specifications and development under way now or on the immediate radar:

- ❑ **Case**
- ❑ **Document**
- ❑ **Participant** *(Party, Judge, Attorney, Interested Parties, etc)*
- ❑ **Charge**
- ❑ **Events**
- ❑ **Hearings**
- ❑ **Judgments / Sentencing / Dispositions**
- ❑ **Basic Financials**
- ❑ **Others?**

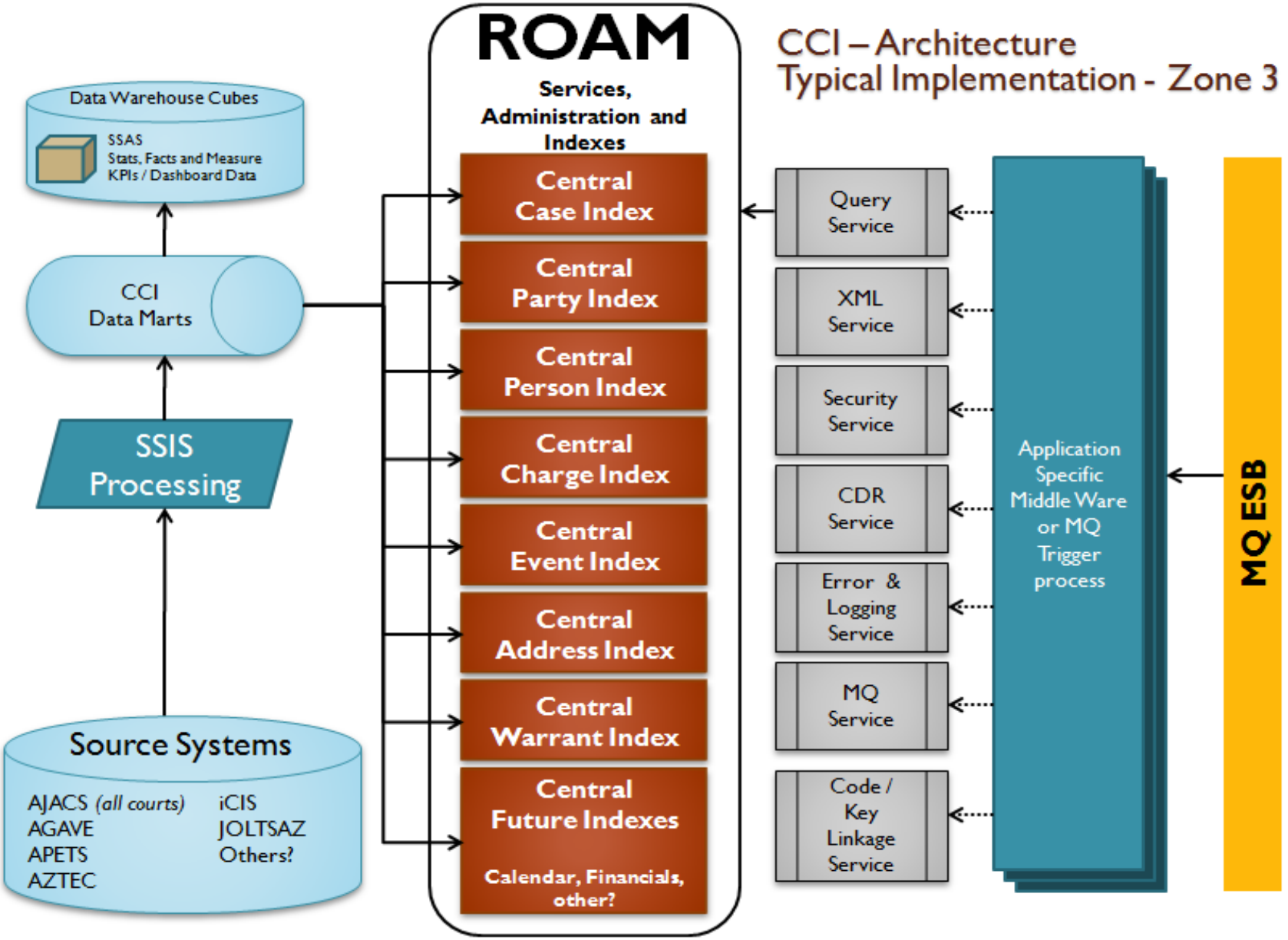
Service Oriented Architecture

Build a library of **reusable enterprise services** that provide core functionality to be consumed by parent applications as needed.

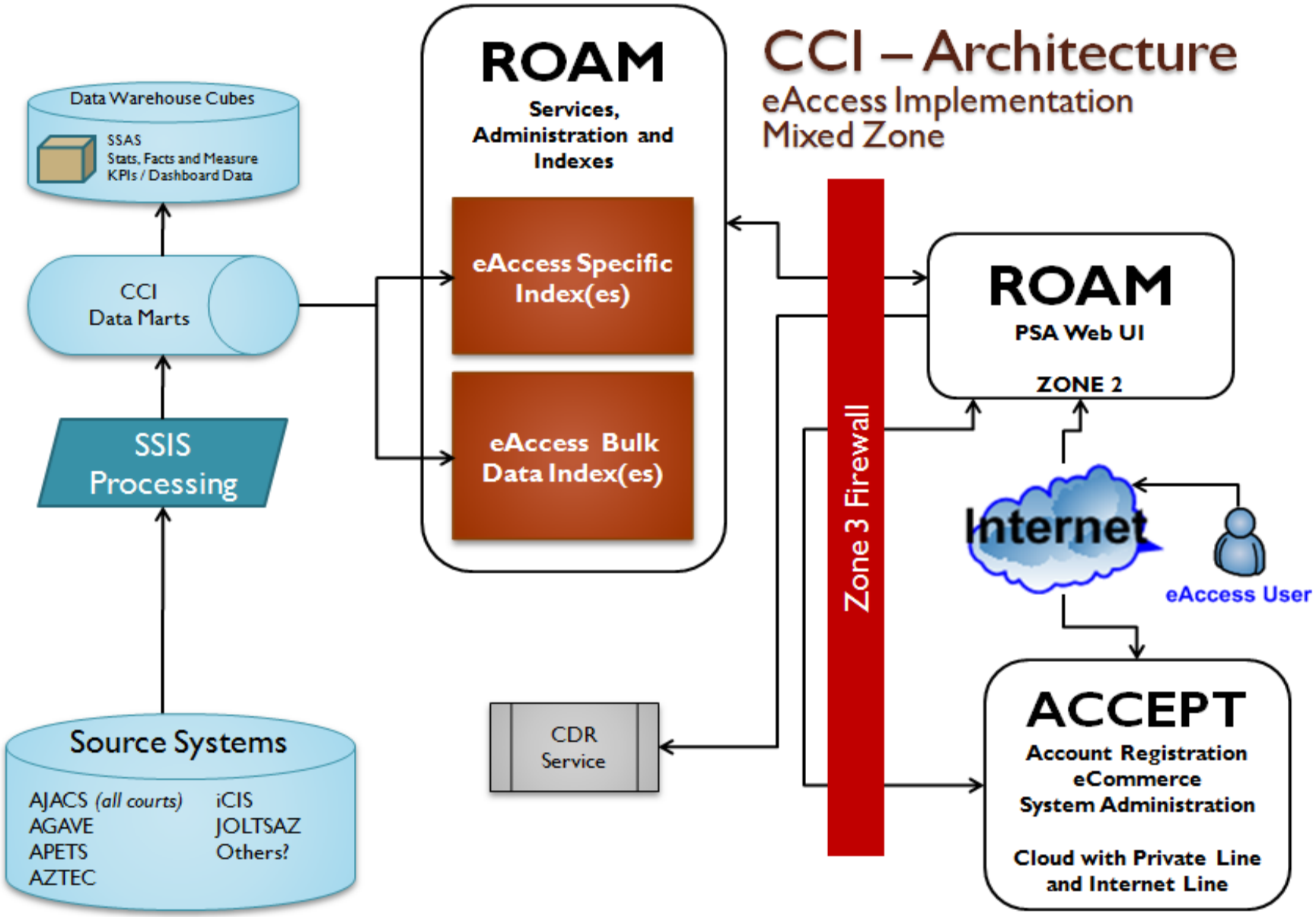
- ❑ Highly **Distributable** and **Scalable**
- ❑ **Solve** a business / technical problem only once
- ❑ Fosters **Innovation**
- ❑ Technology / Design **Flexibility**
- ❑ Ability to **expose functionality** for others to consume
- ❑ Granular **Security**
- ❑ Hosted on **Virtual** Server Farm



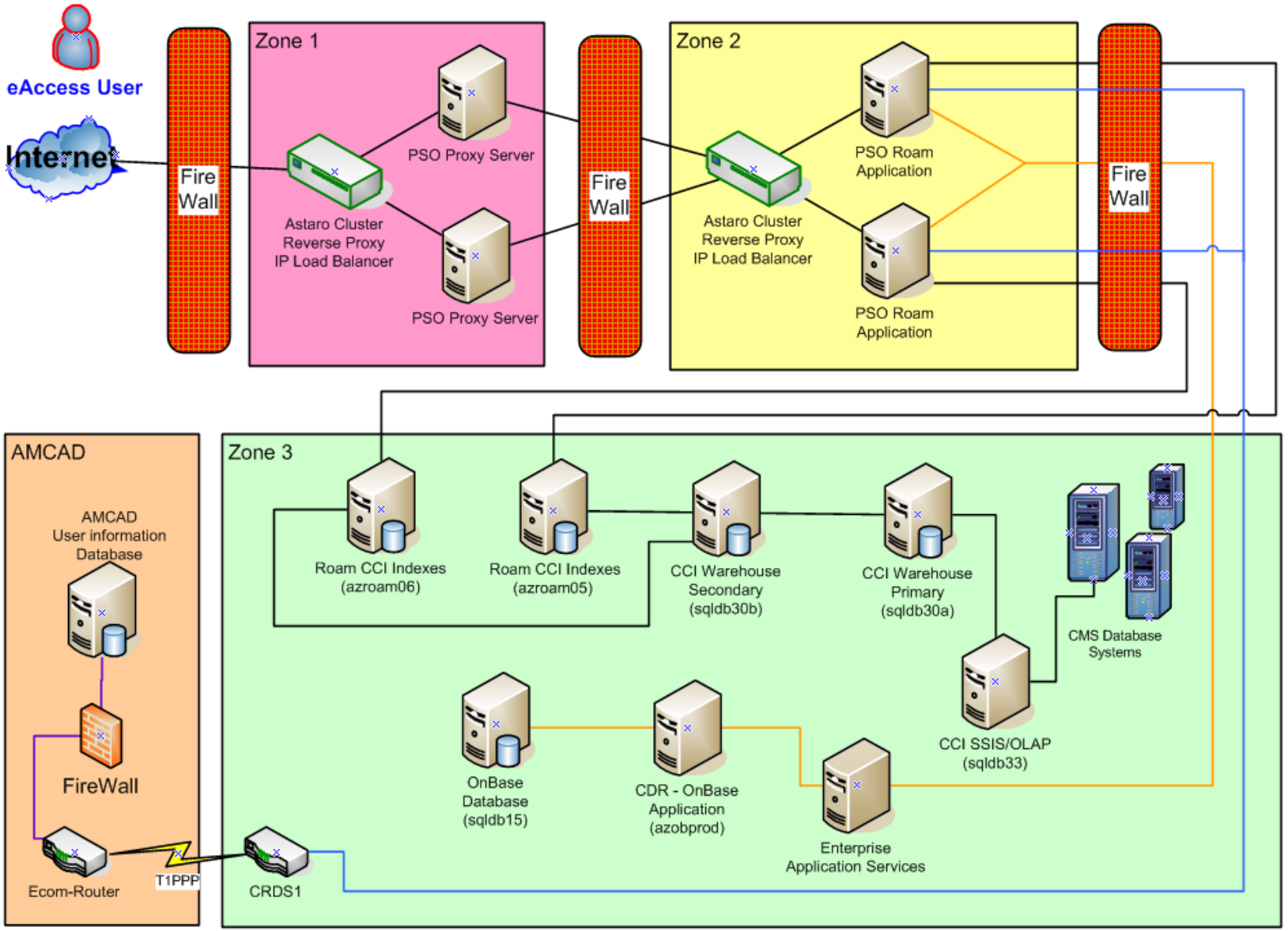
CCI Interaction Typical



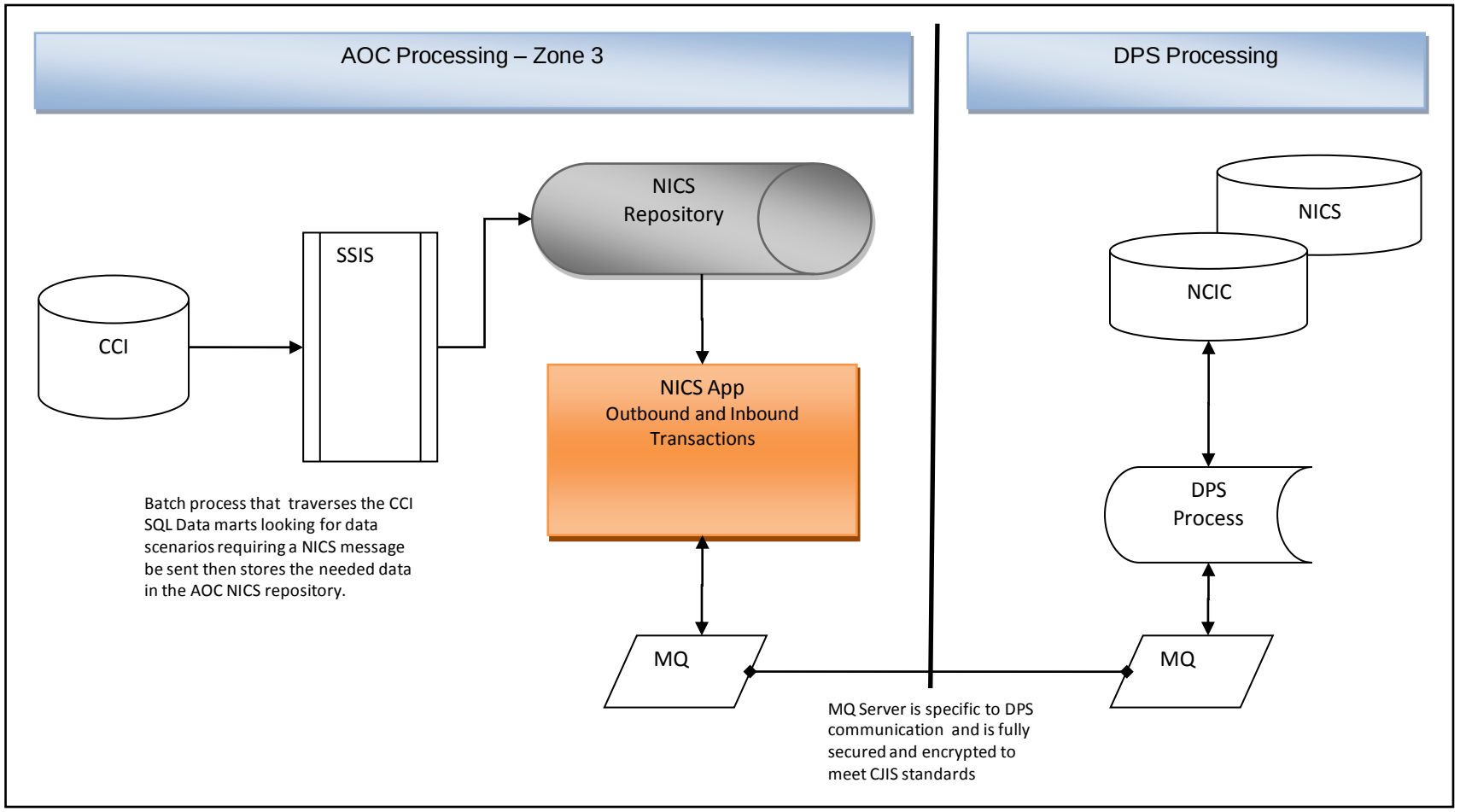
CCI Interaction eAccess



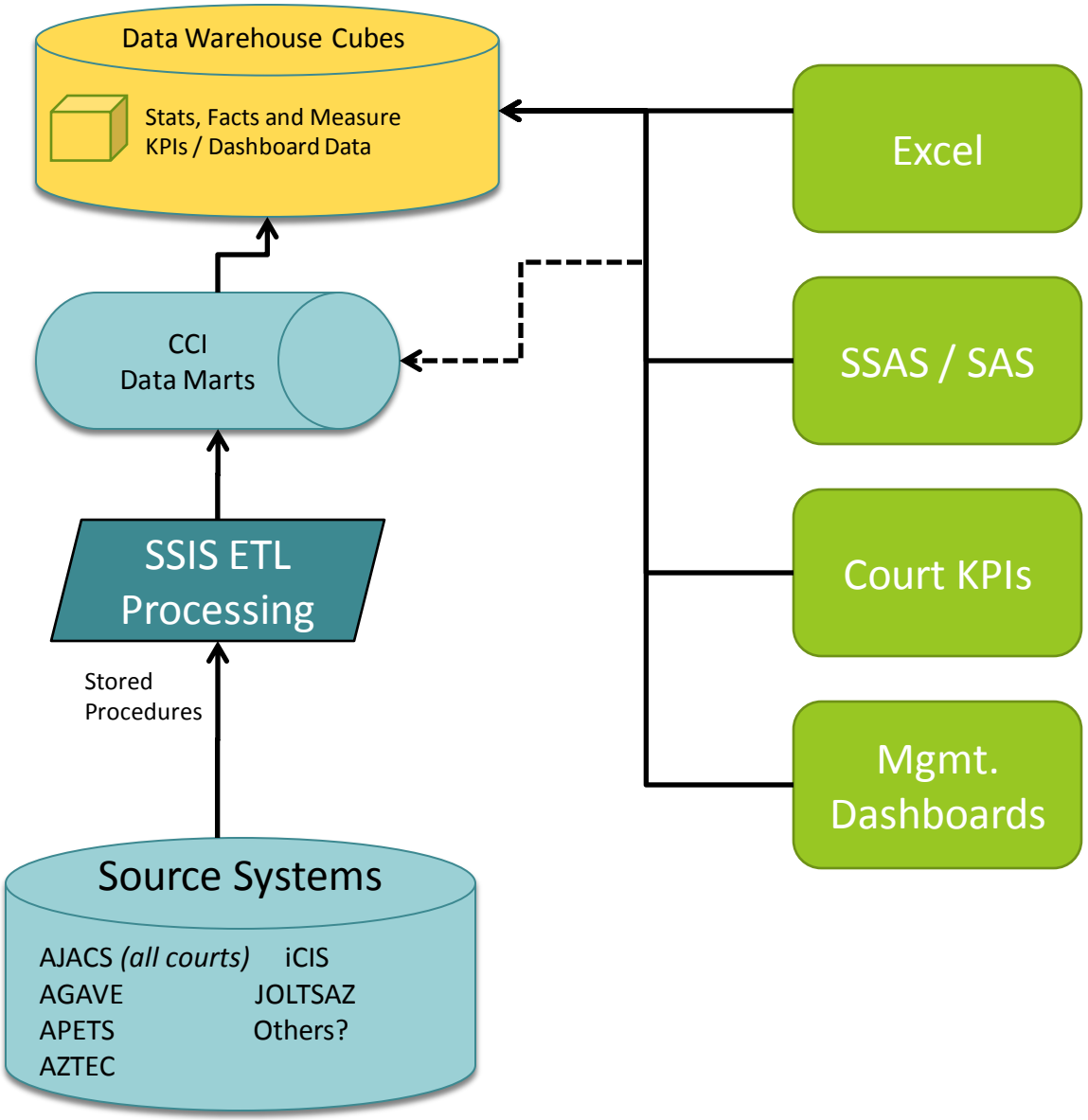
HW / NW Diagram - eAccess



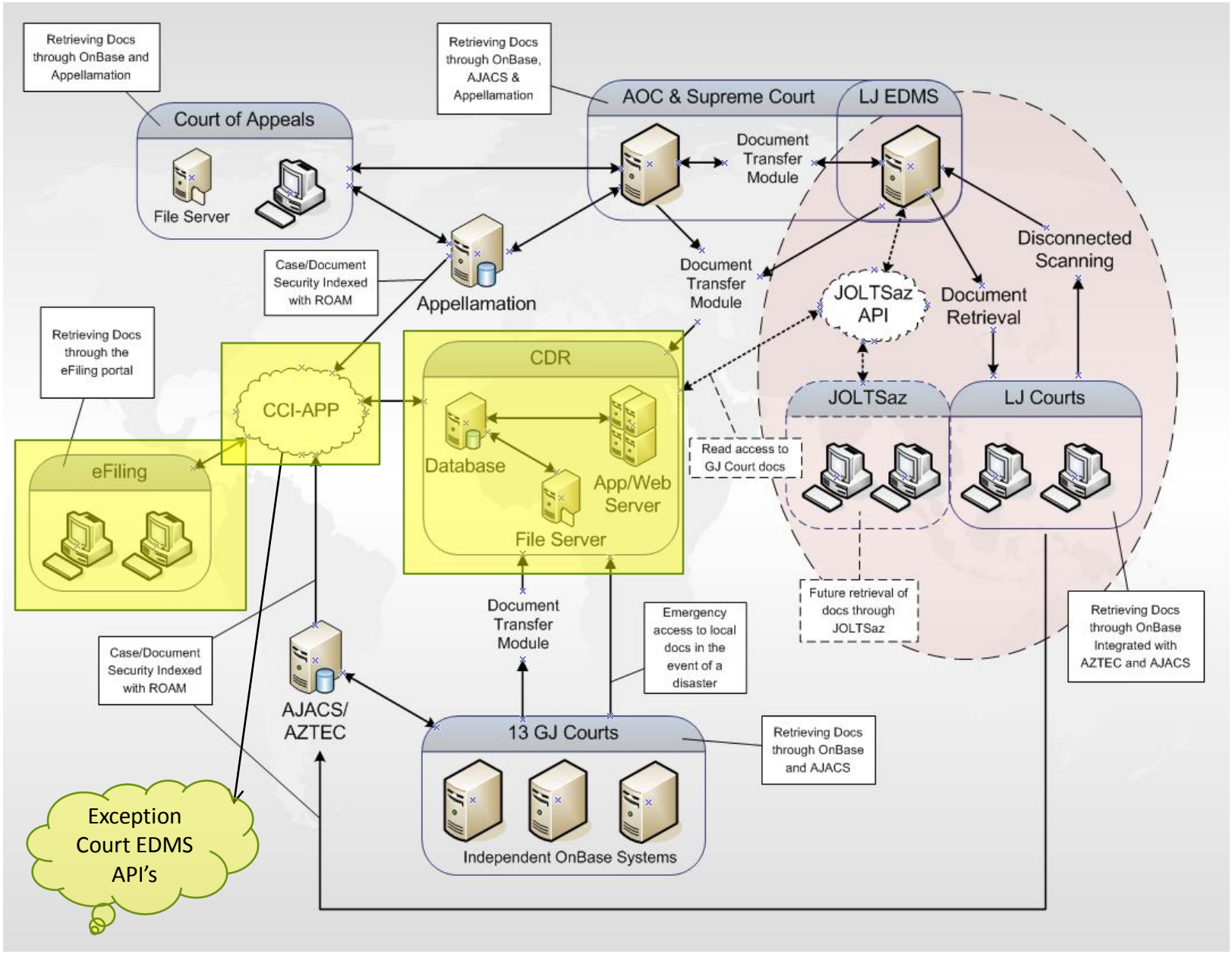
NICS Integration



Statistical Reporting / Visualization



Central Document Repository (CDR)



Document Service

Primary Functions:

- ❑ Check Document
  - Security Key words
  - Document Availability Check
- ❑ Get Document
  - Retrieve by CMS ID or keywords
  - Convert to PDF
- ❑ Put Document
  - Add to Local OnBase
  - Associate Keywords
- ❑ Unity OnBase API

Interacts with:

- ❑ CDR (OnBase)
- ❑ Local AOC supported OnBase Systems
- ❑ Local Court EDMS (Proprietary, OnBase, FileNet, others)

OnBase query licensing model?

CDR Population Update

Stewart and Jethro go here.

Project Time Frames

Development of data feeds underway now for AJACS and Appellamation, Working to expand that dev effort to Pima and Maricopa now.

CCI : Basic Unit Testing in mid May 2013 for as many indexes as we have developed. Preliminary testing with eAccess front end.

eAccess: Phase 1 in Summer 2013.

eFiling: Beginning discussions about Party Matching with Pima, Maricopa, and the Vendor now. Old CCI or New?

NICS: Development to begin in June, Winter 2013/2014 to implement, MH Category only *(Will not include courts that are not contributing to the CCI at the time of deployment)*

Statistical Analysis: Targeting spring 2014 for the new LJ Case Flow standards.

Questions